

Final Project Completion Report

Project Name and Number: Bell Canyon Flow Measurement Structure, #4186

Description: Bell Canyon is a major water supply for the Southeast Regional Water Treatment Plant (SERWTP). This supply is shared by several entities and therefore accurate flow measurement is necessary to ensure that JVVCD is able to fully utilize its water rights. Total stream flow has been measured at the Bell Canyon diversion structure where flows are turbulent, and measurements can be inaccurate. This project installed a new flume downstream of the diversion structure which is designed to match the existing channel and provide more accurate flow measurements. The project also includes improvements to the Bell Canyon access road which allows JVVCD Staff access to maintain and monitor the site.

District Project Manager: Conor Tyson

Engineer: Bowen Collins & Associates	Design Status: 100%
Original Engineering Contract Amount:	\$20,400
Final Engineering Contract Amount:	\$39,324

Contractor: England Construction	Construction Status: 100%
Original construction contract amount:	\$341,650
Total Change Order amount:	-\$13,040
Final construction contract amount:	\$328,610
Total change orders as a percentage of original contract:	-3.8%
Completion Schedule:	
Notice to Proceed:	5/12/2025
Final Completion:	6/4/2026

Summary of Change Orders:	
Description	Amount
1 Credit for unused roadbase	-\$13,040
Total Change Order Amount:	-\$13,040

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Laying riprap in new drainage channel



Forming base on flume in riverbed



Placing concrete for flume floor



Placing concrete for flume walls



New concrete flume



Completed flume with railings